

§ 1926.454

29 CFR Ch. XVII (7-1-12 Edition)

- (i) Standard Qualification Procedure, AWS B3.0-41.
- (ii) Recommended Practices for Automotive Welding Design, AWS D8.4-61.
- (iii) Standard Qualification of Welding Procedures and Welders for Piping and Tubing, AWS D10.9-69.
- (iv) Specifications for Welding Highway and Railway Bridges, AWS D2.0-69.

NOTE TO §1926.453: Non-mandatory appendix C to this subpart lists examples of national consensus standards that are considered to provide employee protection equivalent to that provided through the application of ANSI A92.2-1969, where appropriate. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the American National Standards Institute. Copies may be inspected at the Docket Office, Occupational Safety and Health Administration, U.S. Department of Labor, 200 Constitution Avenue, NW., room N2634, Washington, DC or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

[61 FR 46116, Aug. 30, 1996; 61 FR 59832, Nov. 25, 1996, as amended at 69 FR 18803, Apr. 9, 2004]

§ 1926.454 Training requirements.

This section supplements and clarifies the requirements of §1926.21(b)(2) as these relate to the hazards of work on scaffolds.

- (a) The employer shall have each employee who performs work while on a scaffold trained by a person qualified in the subject matter to recognize the hazards associated with the type of scaffold being used and to understand the procedures to control or minimize those hazards. The training shall include the following areas, as applicable:
  - (1) The nature of any electrical hazards, fall hazards and falling object hazards in the work area;
  - (2) The correct procedures for dealing with electrical hazards and for erecting, maintaining, and disassembling the fall protection systems and falling object protection systems being used;

- (3) The proper use of the scaffold, and the proper handling of materials on the scaffold;
- (4) The maximum intended load and the load-carrying capacities of the scaffolds used; and
- (5) Any other pertinent requirements of this subpart.
- (b) The employer shall have each employee who is involved in erecting, disassembling, moving, operating, repairing, maintaining, or inspecting a scaffold trained by a competent person to recognize any hazards associated with the work in question. The training shall include the following topics, as applicable:

- (1) The nature of scaffold hazards;
- (2) The correct procedures for erecting, disassembling, moving, operating, repairing, inspecting, and maintaining the type of scaffold in question;
- (3) The design criteria, maximum intended load-carrying capacity and intended use of the scaffold;
- (4) Any other pertinent requirements of this subpart.

(c) When the employer has reason to believe that an employee lacks the skill or understanding needed for safe work involving the erection, use or dismantling of scaffolds, the employer shall retrain each such employee so that the requisite proficiency is regained. Retraining is required in at least the following situations:

- (1) Where changes at the worksite present a hazard about which an employee has not been previously trained; or
- (2) Where changes in the types of scaffolds, fall protection, falling object protection, or other equipment present a hazard about which an employee has not been previously trained; or
- (3) Where inadequacies in an affected employee's work involving scaffolds indicate that the employee has not retained the requisite proficiency.

NON-MANDATORY APPENDICES

(NON-MANDATORY) APPENDIX A TO SUBPART L OF PART 1926—SCAFFOLD SPECIFICATIONS

This appendix provides non-mandatory guidelines to assist employers in complying with the requirements of subpart L of this part. An employer may use these guidelines and tables as a starting point for designing